

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077278.D
 Acq On : 12 Feb 2015 9:01
 Operator : TP/IZ
 Sample : G1254-01RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB9ARE

Quant Time: Feb 12 11:37:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

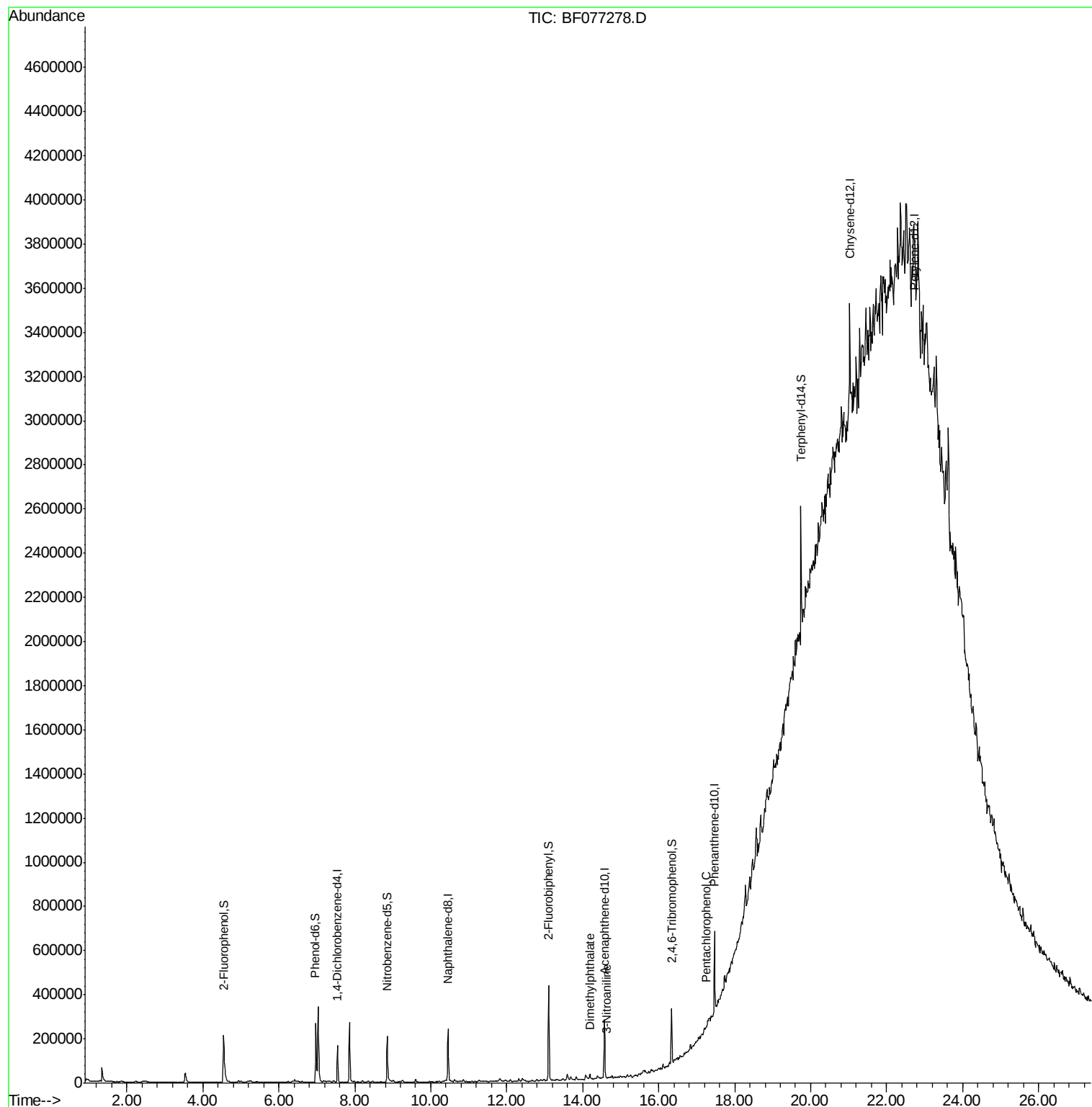
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	44446	20.00	ng	-0.06
21) Naphthalene-d8	10.45	136	186182	20.00	ng	-0.05
38) Acenaphthene-d10	14.57	164	102614	20.00	ng	-0.06
63) Phenanthrene-d10	17.47	188	169488	20.00	ng	-0.03
75) Chrysene-d12	21.03	240	170473	20.00	ng	0.01
86) Perylene-d12	22.73	264	138637	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	4.54	112	148244	54.84	ng	-0.05
7) Phenol-d6	6.97	99	189605	55.60	ng	-0.05
23) Nitrobenzene-d5	8.85	82	115826	34.47	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	41243	49.51	ng	-0.03
44) 2-Fluorobiphenyl	13.11	172	227958	33.81	ng	-0.06
78) Terphenyl-d14	19.75	244	234828	31.71	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.19	163	16058	2.21	ng	# 93
52) 3-Nitroaniline	14.63	138	445	2.04	ng	# 6
69) Pentachlorophenol	17.25	266	263	7.20	ng	# 20

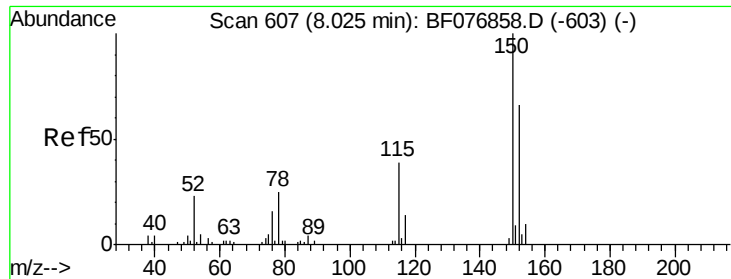
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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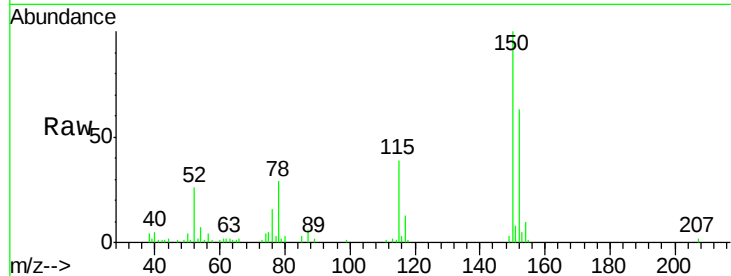


#1

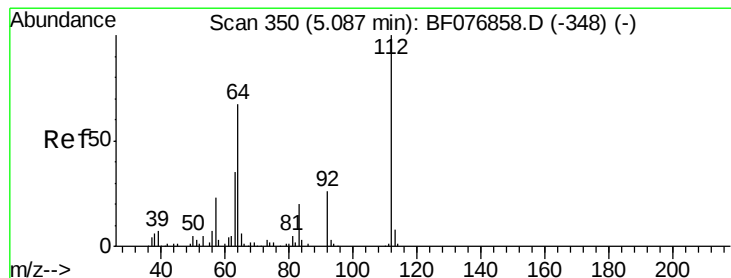
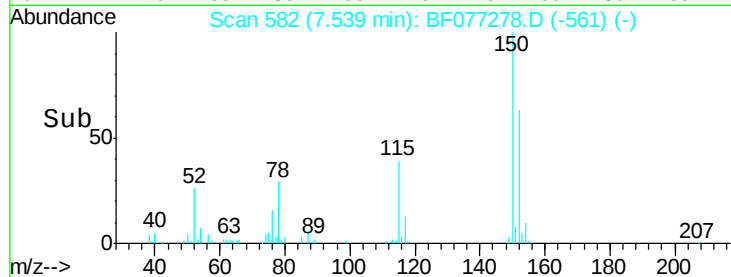
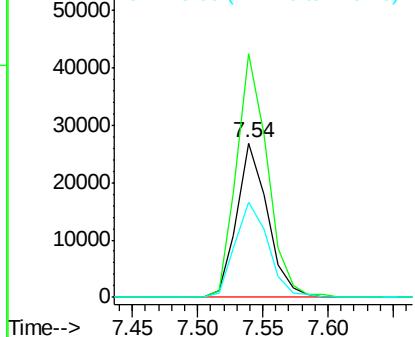
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF077278.D
Acq: 12 Feb 2015 9:01

Instrument :
BNA_F
ClientSampled :
UB9ARE

Tgt Ion:152 Resp: 44446
Ion Ratio Lower Upper
152 100
150 157.9 121.7 182.5
115 61.6 47.0 70.6



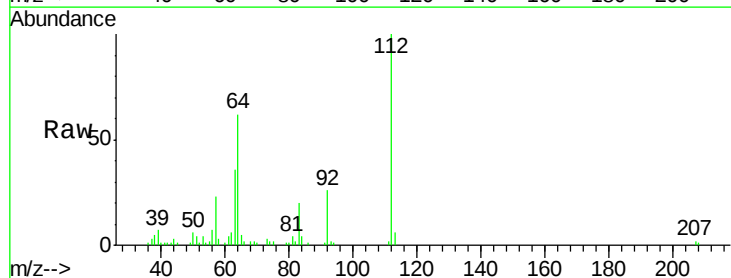
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



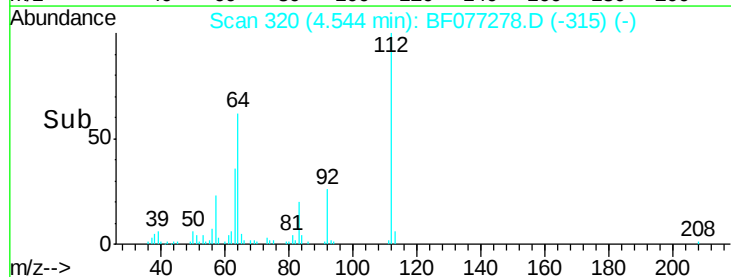
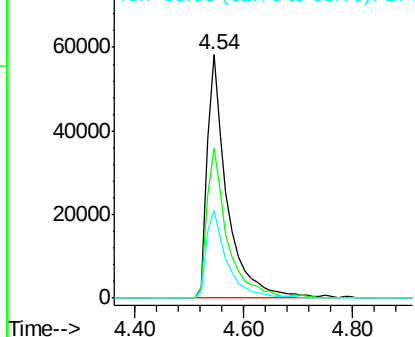
#5

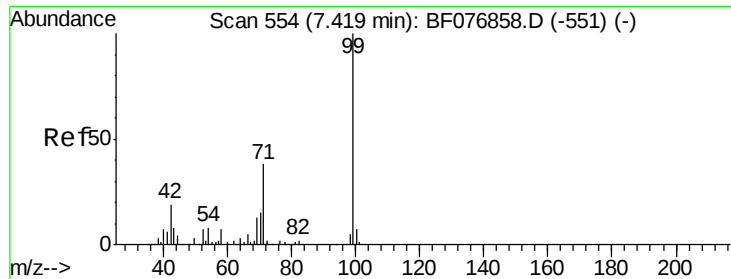
2-Fluorophenol
Concen: 54.84 ng
RT: 4.54 min Scan# 320
Delta R.T. -0.05 min
Lab File: BF077278.D
Acq: 12 Feb 2015 9:01

Tgt Ion:112 Resp: 148244
Ion Ratio Lower Upper
112 100
64 61.7 54.2 81.4
63 36.1 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 55.60 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

Instrument :

BNA_F

ClientSampleId :

UB9ARE

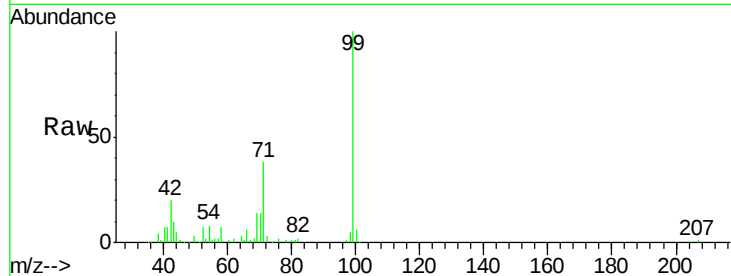
Tgt Ion: 99 Resp: 189605

Ion Ratio Lower Upper

99 100

42 20.0 15.0 22.4

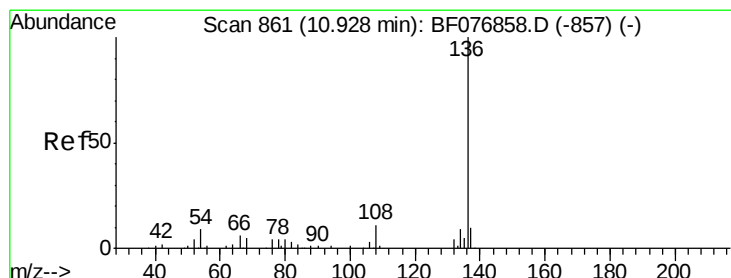
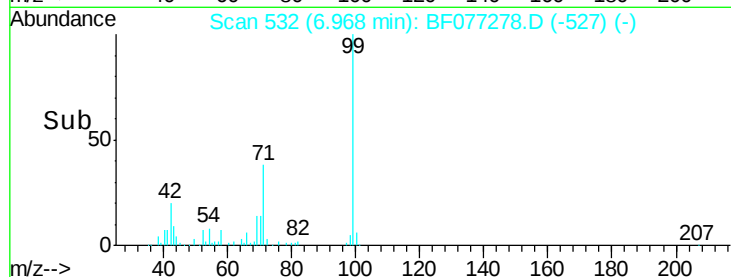
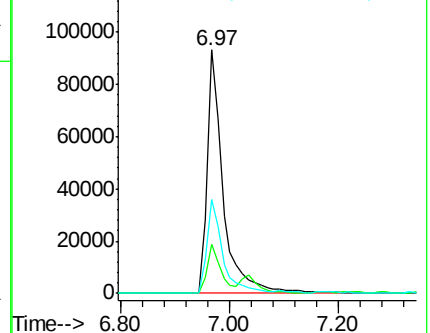
71 38.4 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

Tgt Ion: 136 Resp: 186182

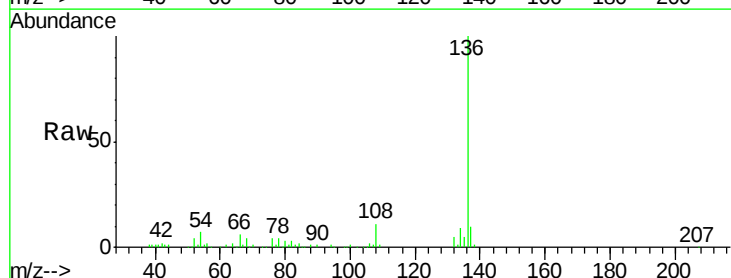
Ion Ratio Lower Upper

136 100

137 10.5 8.1 12.1

54 7.4 7.0 10.4

68 4.2 3.7 5.5

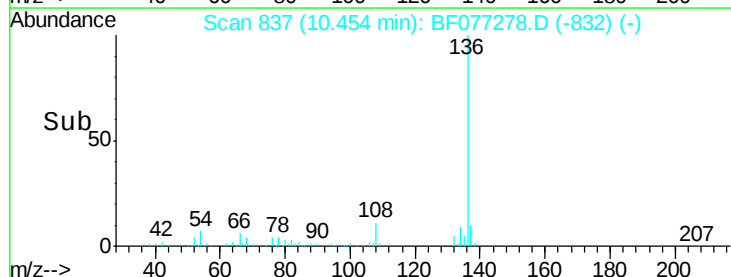
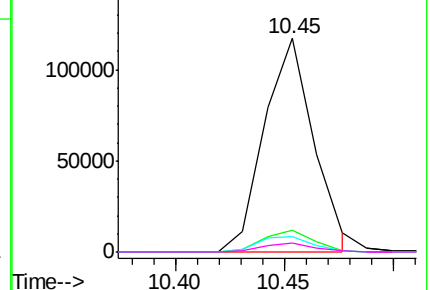


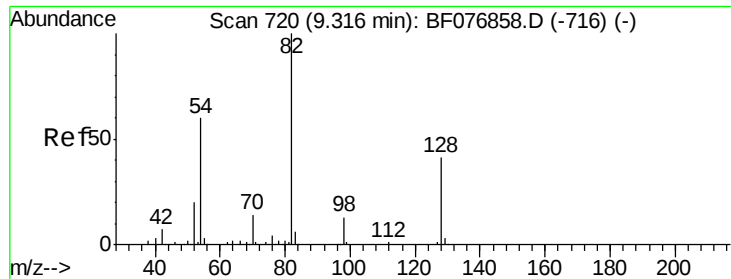
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

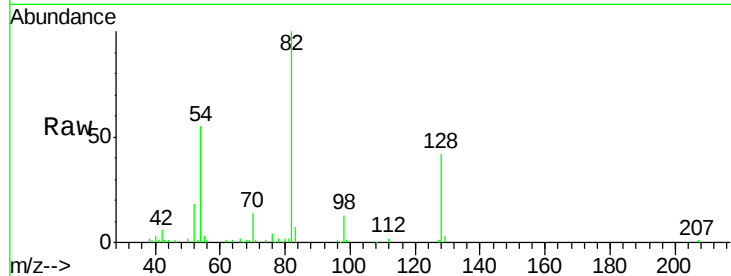




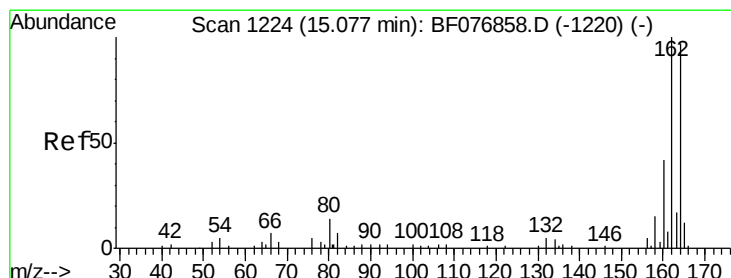
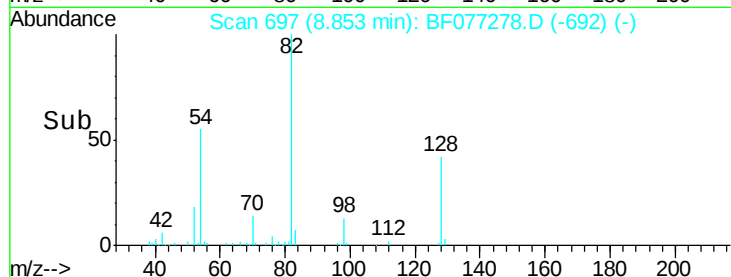
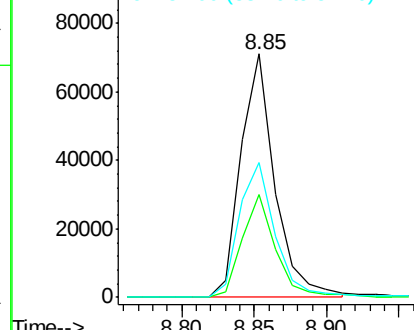
#23
 Nitrobenzene-d5
 Concen: 34.47 ng
 RT: 8.85 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF077278.D
 Acq: 12 Feb 2015 9:01

Instrument :
 BNA_F
 ClientSampleId :
 UB9ARE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.1	49.7
54	55.3	48.3	72.5

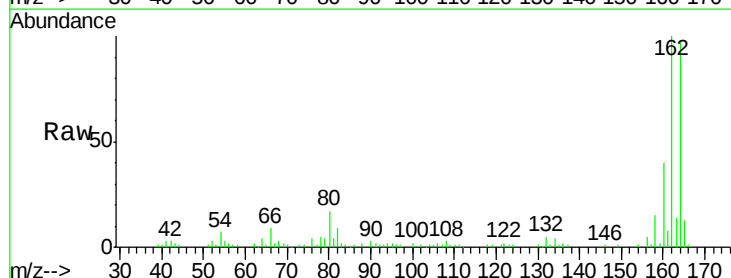


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

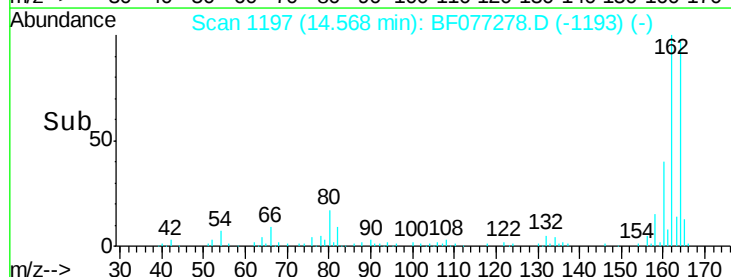
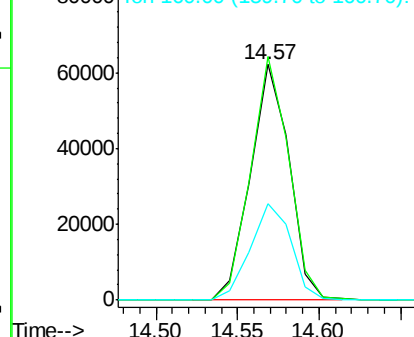


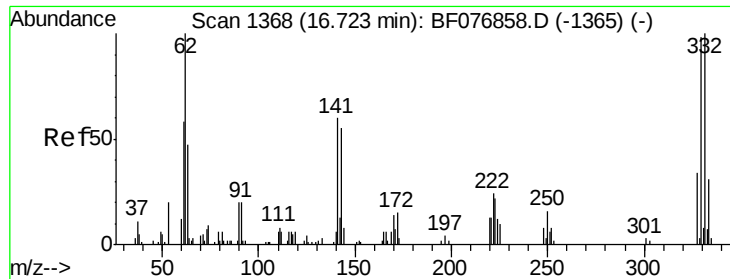
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1197
 Delta R.T. -0.06 min
 Lab File: BF077278.D
 Acq: 12 Feb 2015 9:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.4	123.6
160	41.1	34.8	52.2



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

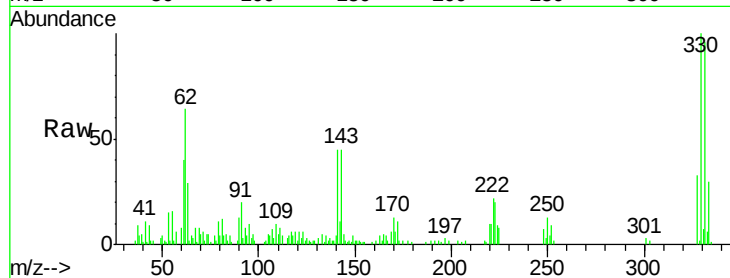




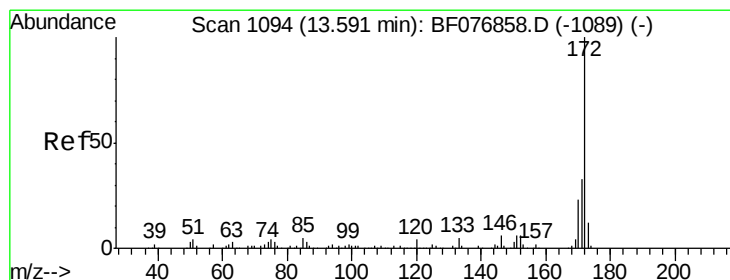
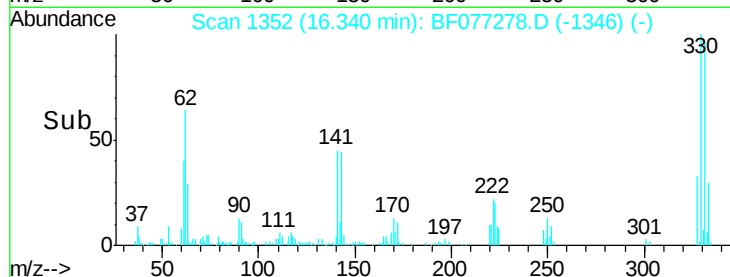
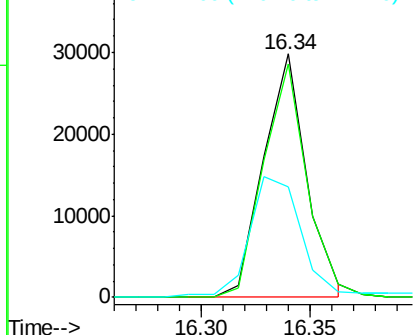
#41
 2,4,6-Tribromophenol
 Concen: 49.51 ng
 RT: 16.34 min Scan# 1352
 Delta R.T. -0.03 min
 Lab File: BF077278.D
 Acq: 12 Feb 2015 9:01

Instrument :
 BNA_F
 ClientSampleId :
 UB9ARE

Tgt Ion: 330 Resp: 41243
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 59.4 38.5 57.7#

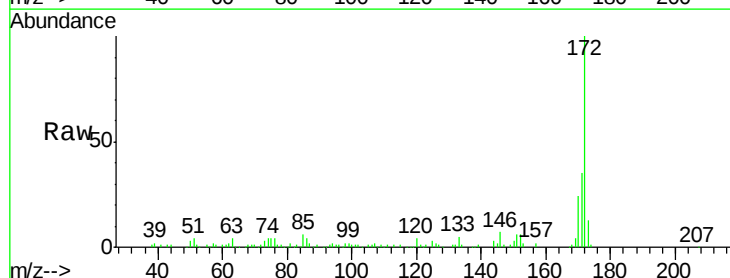


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

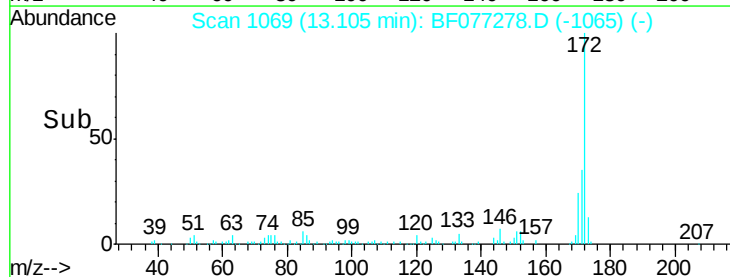
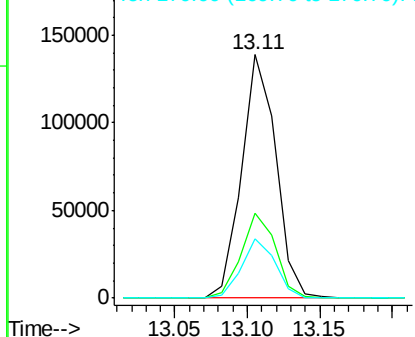


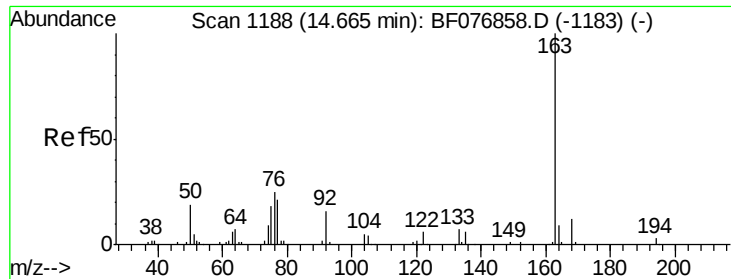
#44
 2-Fluorobiphenyl
 Concen: 33.81 ng
 RT: 13.11 min Scan# 1069
 Delta R.T. -0.06 min
 Lab File: BF077278.D
 Acq: 12 Feb 2015 9:01

Tgt Ion: 172 Resp: 227958
 Ion Ratio Lower Upper
 172 100
 171 34.7 26.6 40.0
 170 24.4 18.0 27.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.21 ng

RT: 14.19 min Scan# 1164

Delta R.T. -0.05 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

Instrument :

BNA_F

ClientSampleId :

UB9ARE

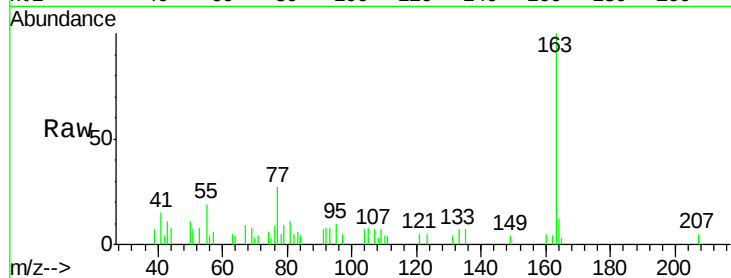
Tgt Ion:163 Resp: 16058

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

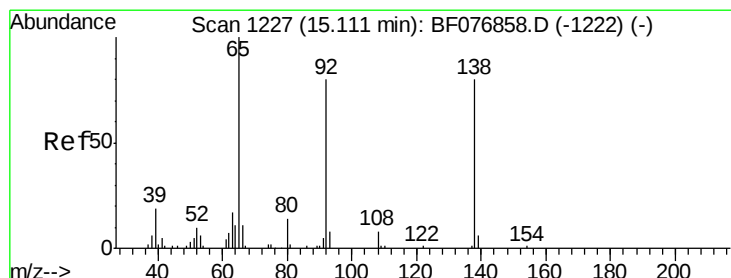
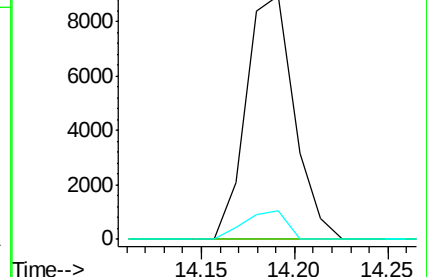
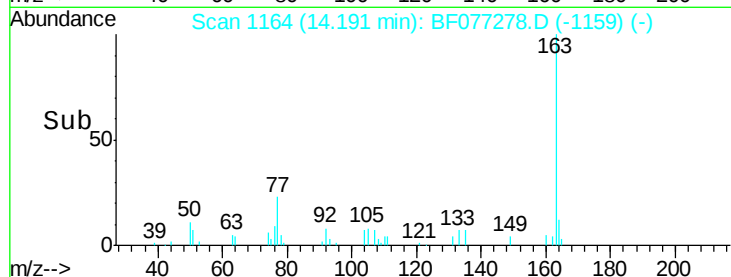
164 11.6 7.5 11.3#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

3-Nitroaniline

Concen: 2.04 ng

RT: 14.63 min Scan# 1202

Delta R.T. -0.06 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

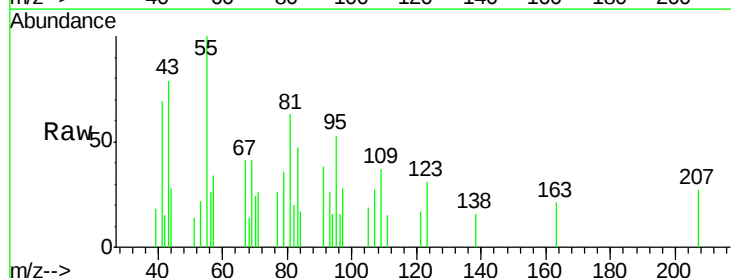
Tgt Ion:138 Resp: 445

Ion Ratio Lower Upper

138 100

108 0.0 8.3 12.5#

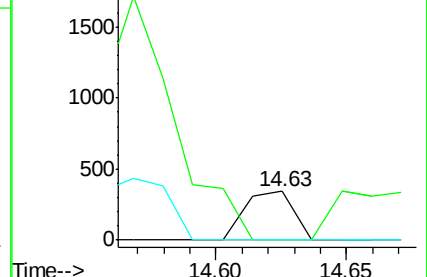
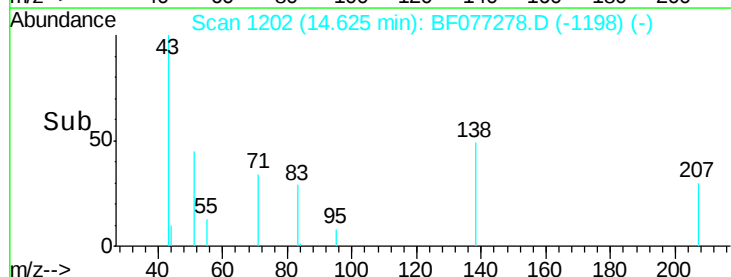
92 0.0 80.9 121.3#

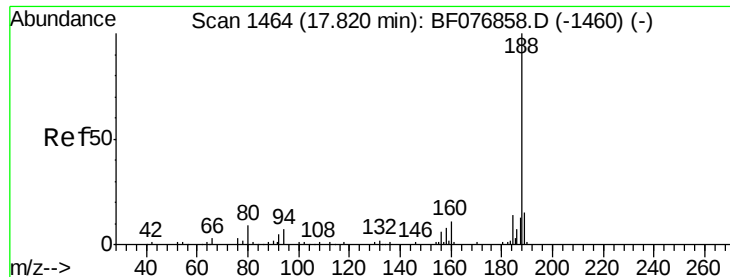


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 1451

Delta R.T. -0.03 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

Instrument :

BNA_F

ClientSampleId :

UB9ARE

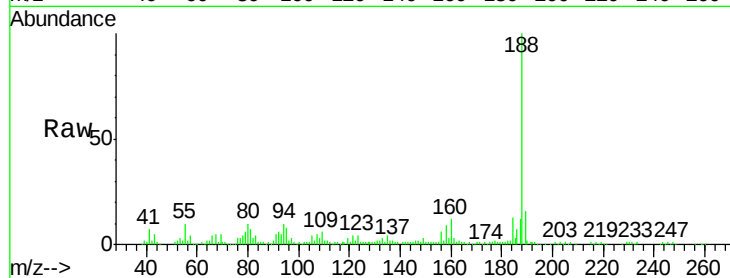
Tgt Ion:188 Resp: 169488

Ion Ratio Lower Upper

188 100

94 9.7 6.0 9.0#

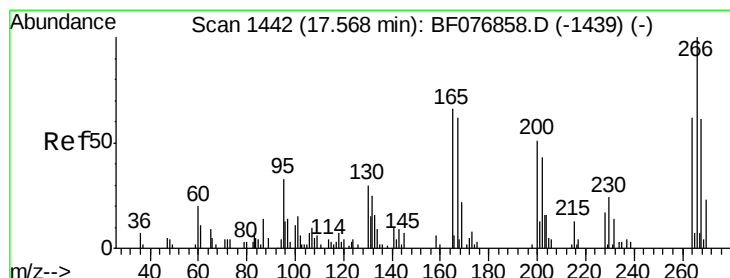
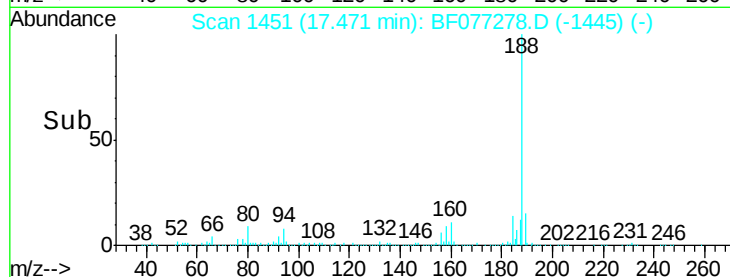
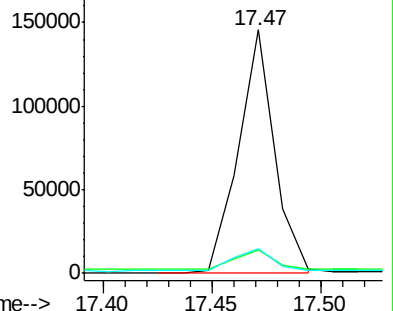
80 10.1 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#69

Pentachlorophenol

Concen: 7.20 ng

RT: 17.25 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

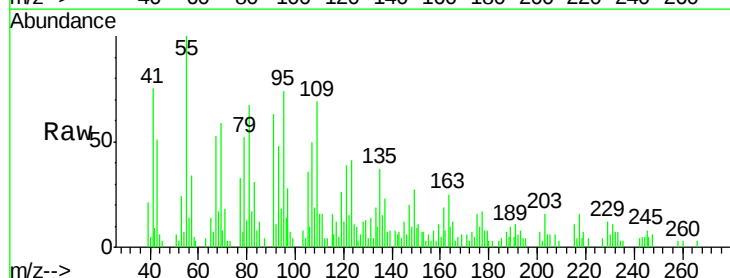
Tgt Ion:266 Resp: 263

Ion Ratio Lower Upper

266 100

268 0.0 48.6 72.8#

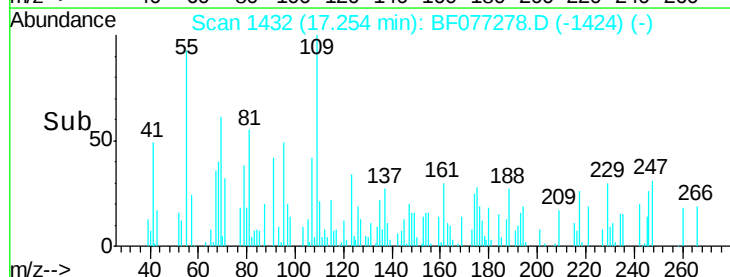
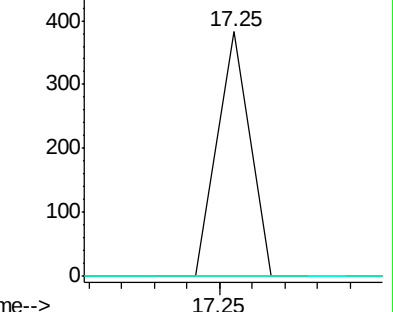
264 0.0 49.5 74.3#

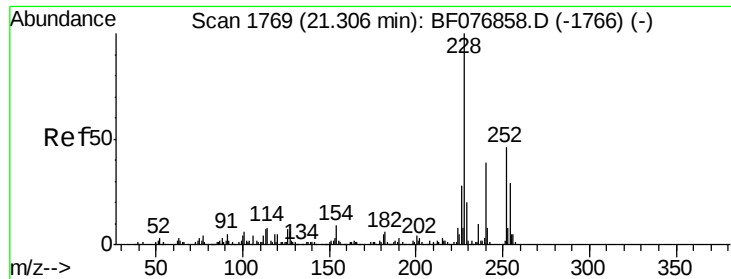


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.03 min Scan# 1762

Delta R.T. 0.01 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

Instrument :

BNA_F

ClientSampleId :

UB9ARE

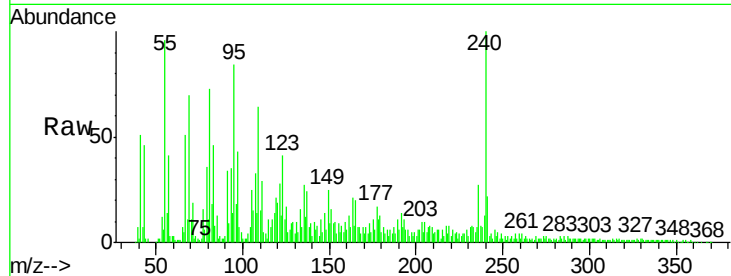
Tgt Ion:240 Resp: 170473

Ion Ratio Lower Upper

240 100

120 19.4 10.4 15.6#

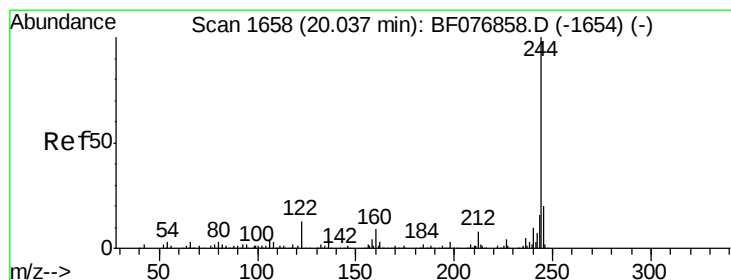
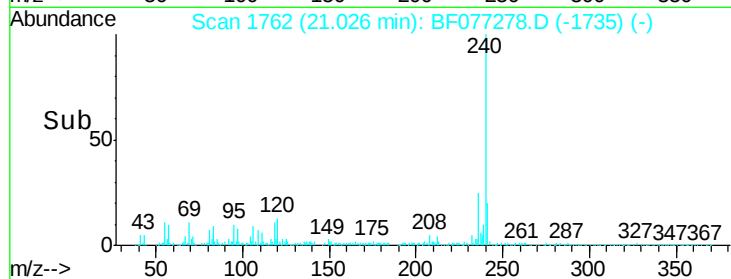
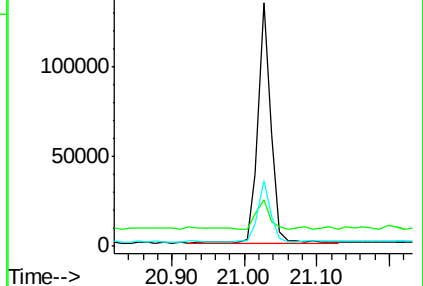
236 27.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 31.71 ng

RT: 19.75 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF077278.D

Acq: 12 Feb 2015 9:01

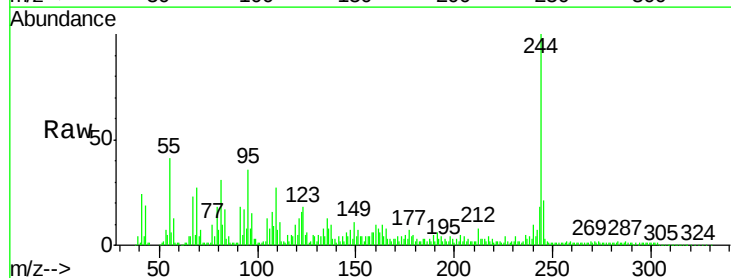
Tgt Ion:244 Resp: 234828

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

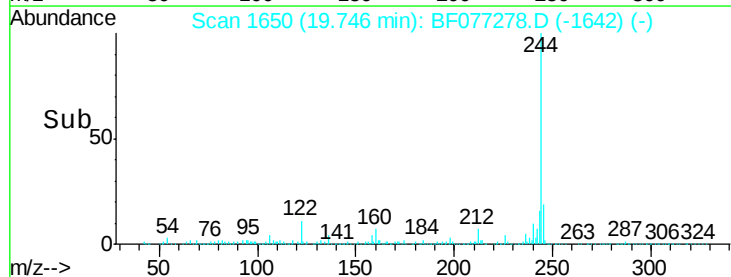
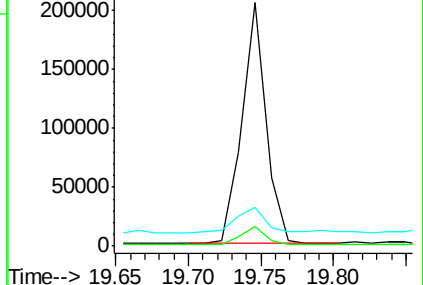
122 16.2 10.1 15.1#

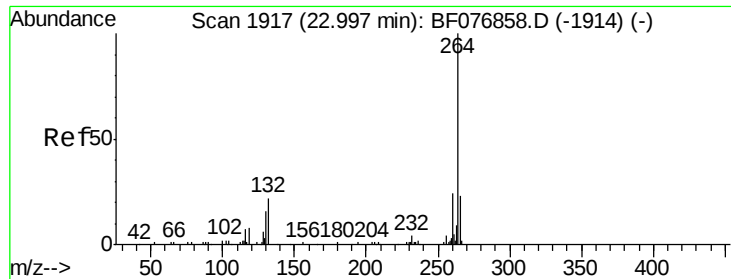


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

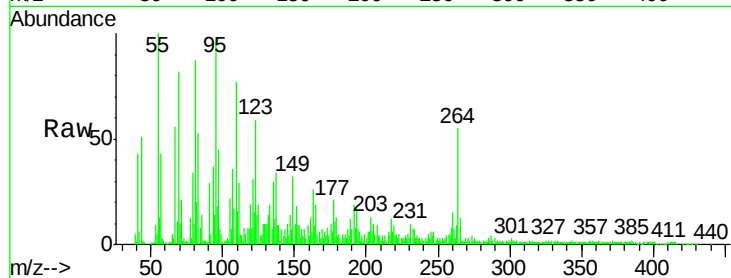




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.73 min Scan# 1911
Delta R.T. 0.07 min
Lab File: BF077278.D
Acq: 12 Feb 2015 9:01

Instrument :
BNA_F
ClientSampleId :
UB9ARE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.0	28.4
265	23.6	18.1	27.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

